

# CITY OF ALEXANDRIA, VIRGINIA

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## MEMORANDUM

**DATE:** 9-21-2011

**TO:** MECHANICAL PERMIT APPLICANTS

**FROM:** PLAN REVIEW UNIT

**SUBJECT:** INFORMATION REQUIRED FOR MECHANICAL PERMITS

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All applications for mechanical permits for fuel gas appliances and equipment shall contain the following information\*:

- A COMPLETE GAS SCHEMATIC\*\*. (SEE ATTACHED SAMPLE SCHEMATIC)
- THE GAS PRESSURE FROM THE METER, (LOW OR MEDIUM). IF MEDIUM PRESSURE IS USED, LOCATE ALL OF THE MEDIUM PRESSURE REGULATORS.
- THE MAXIMUM GAS DEMAND (Btu's) FOR EACH GAS APPLIANCE(S) SERVED BY THE METER.
- THE SIZE(S), TYPE(S) AND LENGTH(S) OF THE PIPE MATERIAL FROM THE METER TO EACH APPLIANCE.
- TYPE, MAKE, MODEL NUMBER AND MAXIMUM GAS DEMAND (Btu's) OF THE APPLIANCE(S) TO BE INSTALLED.

\*Virginia Residential Code (VRC) & Virginia Fuel Gas Code (VFGC).

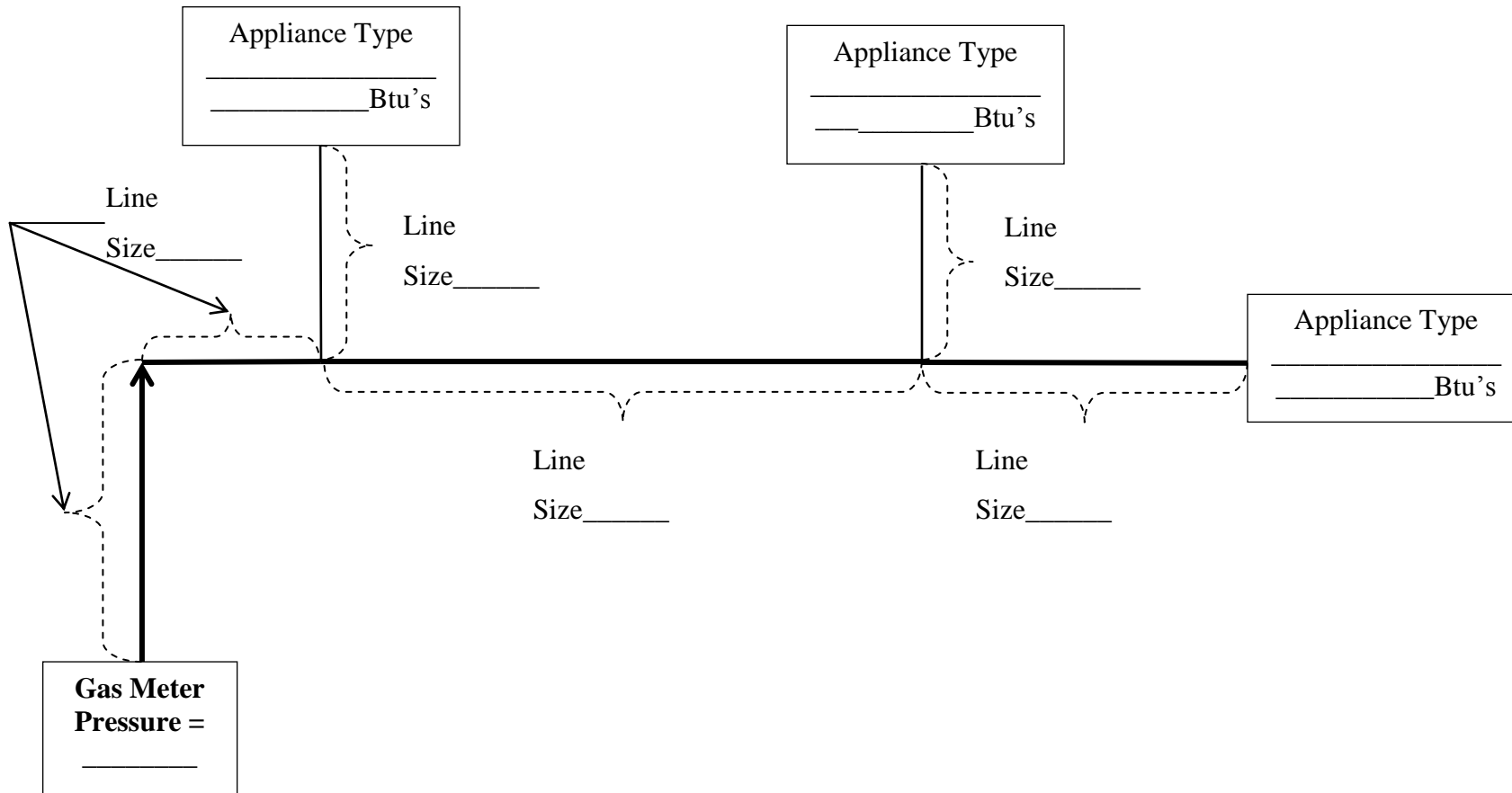
\*\*A complete gas schematic is not required for the replacement of an existing appliance provided the type of the appliance is the same, the maximum gas demand of the new appliance does not exceed that of the existing appliance, and the make, model number and gas demand of the existing and new appliance are indicated on the application.

# SAMPLE GAS SCHEMATIC

(Identify ALL existing and new appliances receiving gas from the meter)

Address: \_\_\_\_\_

Pipe Material: \_\_\_\_\_



## Notes:

1. Provide ALL of the missing information identified in the schematic above.
2. Locate all Medium Pressure (MP) gas regulators.
3. A Medium Pressure (MP) regulator is a line pressure regulator that reduces gas pressure from the range of greater than .5 psig and less than or equal to 5 psig to a lower pressure. Virginia Fuel Gas Code (VFGC). 1 psi = 27.71" of water column (wc).
4. A listed shutoff valve shall be installed immediately ahead of each MP regulator. Virginia Residential Code (VRC) & VFGC.